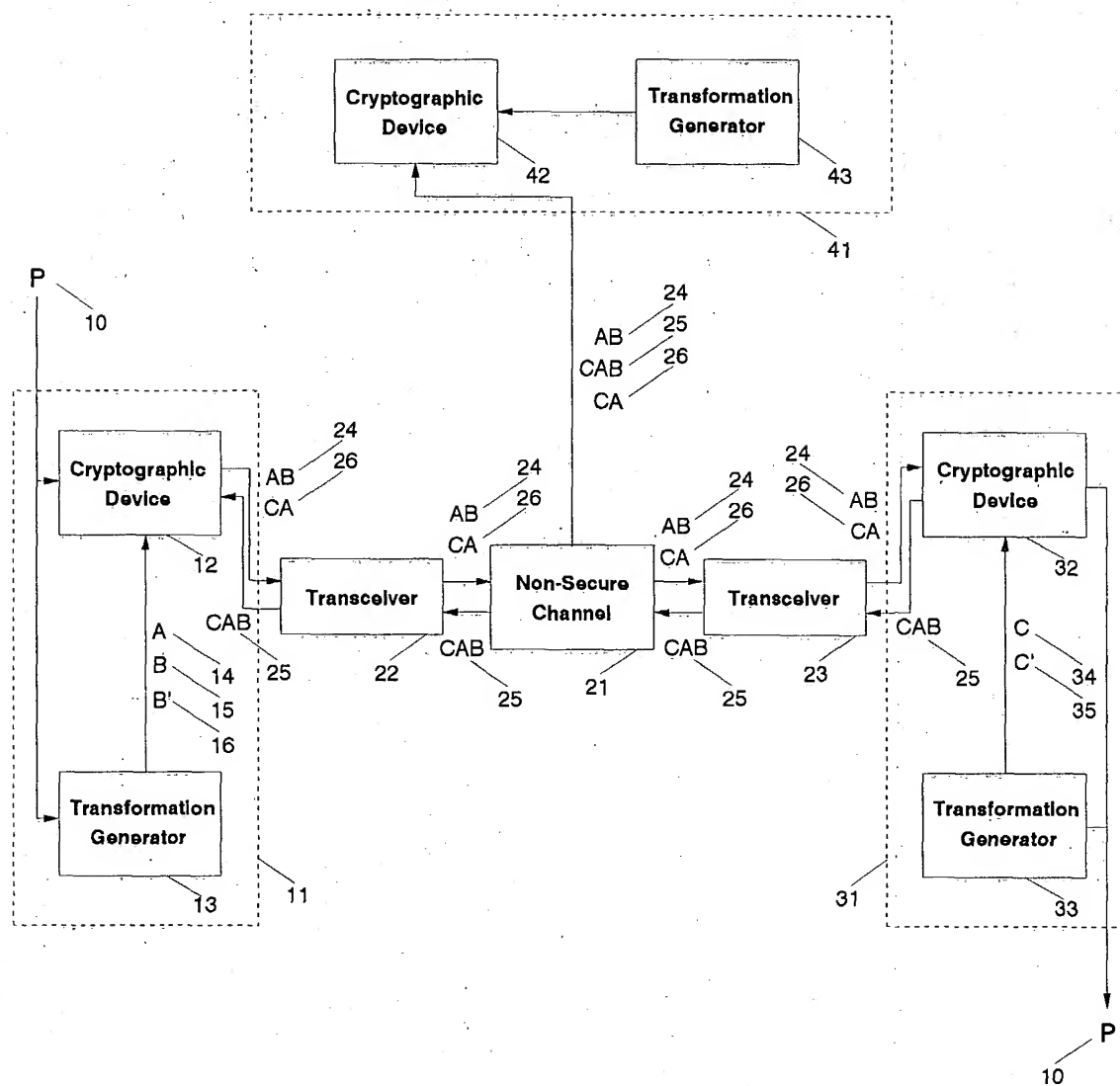
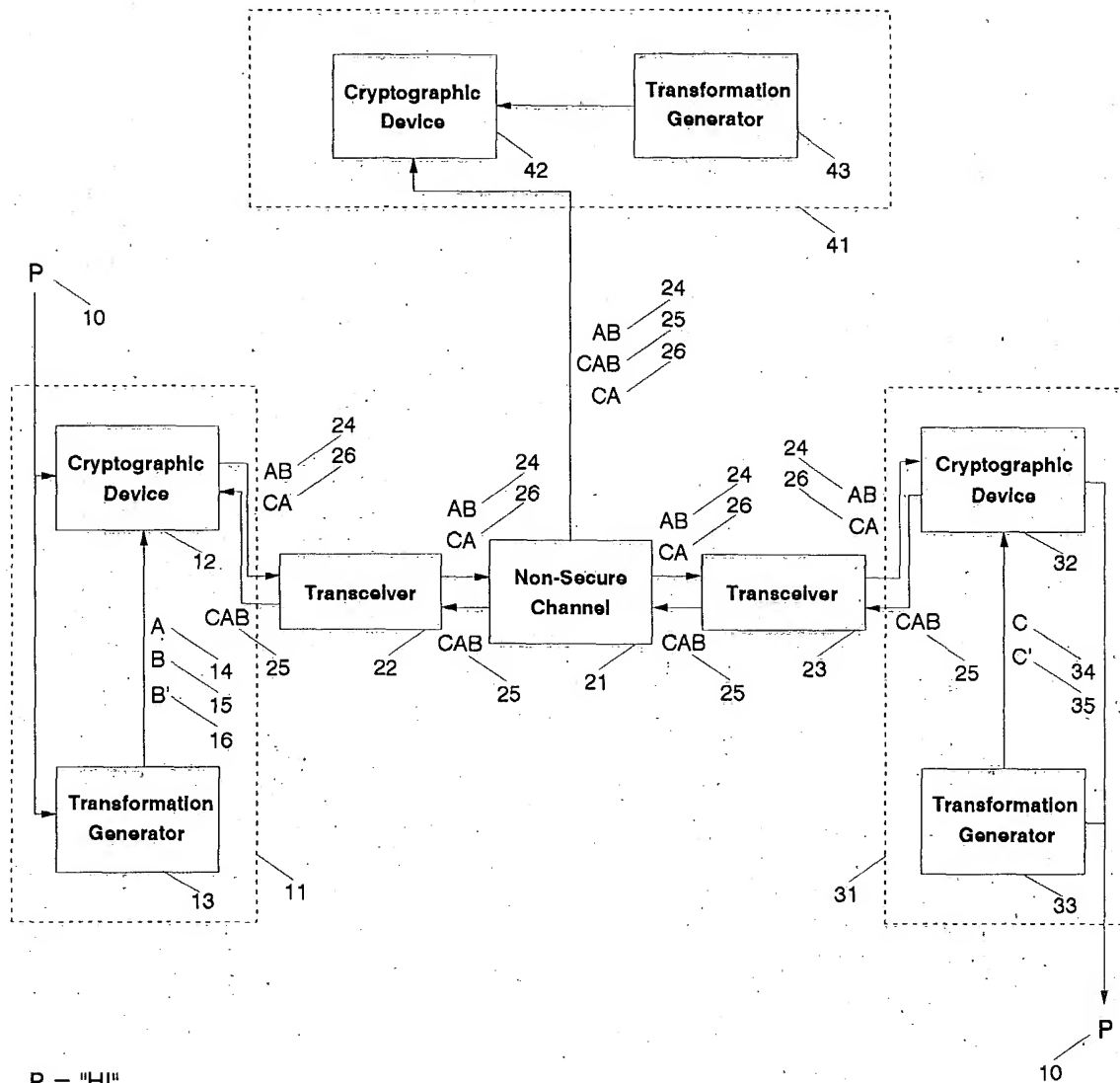




### Figure 1



**Figure 2**



$P = \text{"HI"}$

$A = \begin{bmatrix} 8 & 9 & 7 \\ 5 & 6 & 3 \\ 1 & 0 & 5 \end{bmatrix}$

$B = \begin{bmatrix} 3 & 4 & 6 \\ 2 & 1 & 1 \\ 5 & 8 & 4 \end{bmatrix}$

$AB = \begin{bmatrix} 77 & 97 & 85 \\ 42 & 50 & 48 \\ 28 & 44 & 26 \end{bmatrix}$

$CA = \begin{bmatrix} 76 & 87 & 61 \\ 37 & 36 & 53 \\ 77 & 90 & 55 \end{bmatrix}$

$C = \begin{bmatrix} 5 & 7 & 1 \\ 2 & 3 & 6 \\ 4 & 9 & 0 \end{bmatrix}$

$CAB = \begin{bmatrix} 707 & 879 & 787 \\ 448 & 608 & 470 \\ 686 & 838 & 772 \end{bmatrix}$

$A = \begin{bmatrix} 8 & 9 & 7 \\ 5 & 6 & 3 \\ 1 & 0 & 5 \end{bmatrix}$

$P = \text{"HI"}$

Figure 3